

SUMMARY

Method for ensuring the fail-silent property in the time domain of remote communication computers (111, ... 114) of a fault-tolerant distributed computer system, in which a plurality of remote computers are connected via a distributor unit (101, 102), each remote computer has an independent communications controller unit with the corresponding connections to the communication channels (121), and the access to the communication channels occurs by a cyclical time-division multiple access method. The at least one distributor unit makes sure, by virtue of the correct sending behavior of the remote computer that is known a priori by it, that a remote computer can only send to the other remote computers within its statically assigned time slice.

Figure 1